



May 9, 2017

Ms. Dianne Adamowitz-Murphy, P.E., CHMM
Phillips Lighting
200 Franklin Square Drive
Somerset, NJ 08873

Re: Phase II Remedial Investigation Work Plan dated April, 2017
Former Shakespeare Composite Structures Site
Newberry County
Voluntary Cleanup Contract 14-6271-RP
File #51025

Dear Ms. Adamowitz-Murphy:

The Department has reviewed and approves the referenced work plan with the following comments.

This Phase of work consists of:

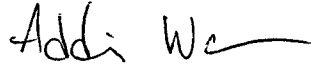
- vertical profiling of the groundwater contamination in the subsurface water bearing intervals;
- the installation of nine permanent monitoring wells with the intent of completing the groundwater plume delineation;
- sampling of the entire groundwater and surface water sampling network,
- soil gas sampling;
- soil sampling based on the results of the soil gas sampling, and;
- initiating a semi-annual groundwater and surface water sampling schedule.

As one of the goals of locating the monitoring wells is to identify the horizontal extents of the groundwater plumes, the Department recommends screening the intermediate and the bedrock wells at the intervals identified during the vertical profiling as having the highest contaminant levels. Vertical extent monitoring wells may need to be installed during a subsequent phase. Attached is your copy of the monitoring well installation approval. The original has been sent to your consultant, Scott Ross, P.G. of AECOM.

In addition, the soil gas results should be submitted with proposed locations of the soils samples for prior approval by the Department. The results of this phase of work (including the soil gas data) should be submitted, to my attention, on or before August 31, 2017. Please feel free to contact me with any questions or comments at (803) 898-0722 or at walkeras@dhec.sc.gov.

Ms. Adamowitz-Murphy
May 9, 2017
Page 2

Sincerely,

A handwritten signature in black ink that reads "Addie Walker". The signature is written in a cursive style with a long horizontal flourish at the end.

Addie Walker, Project Manager
State Remediation Section
Bureau of Land and Waste Management

CC: Lucas Berresford, BLWM
Harry Mathis, Midlands BEHS Office
Scott Ross, AECOM, 101 Research Drive, Columbia, SC 29203
File #51025



Temporary Monitoring Well Approval

Approval is hereby granted to: AECOM
(on behalf of): Philips Lighting North America
Facility: Shakespeare Composite Structures Site
Site Identification: 51025
County: Newberry

This approval is for the installation of one shallow, 4 intermediate and 4 bedrock permanent groundwater monitoring wells. These wells are to be installed per the correspondence dated April, 2017. The wells are to be installed following all of the applicable requirements of R.61-71.


Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless another schedule has been approved by the Department. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
3. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.
4. All temporary monitoring wells shall be abandoned within 10 days of borehole completion using appropriate methods as required by R.61-71.H.4.c.
5. If any of the information provided to the Department changes, the **Addie Walker (803)898-0722** shall be notified a minimum of twenty-four hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002.

Date of Issuance: May 9, 2017

Approval #: MW-11096


Addie Walker, Project Manager
State Voluntary Cleanup Section
Bureau of Land and Waste Management